Serenade Pro

OWNER'S GUIDE

Item # 78100
Manual # OM78100

Rev. 1.01

QRS Music Technologies, Inc.

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WARNINGS

FCC INFORMATION

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!

   This product, when installed as indicated in the Installation Manual, meets FCC requirements. Modifications not expressly approved by QRS Music Technologies, Inc. may void you authority, granted by the FCC, to use this product.

2. IMPORTANT: When connecting this product to accessories and/or another product use only high quality shielded cables. Cables supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use this product in the United States of America.

3. NOTE: This product has been tested and found to comply with the requirements listed in the FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurance that your use of this product is in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the Installation Manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "OFF" and "ON", please try to eliminate the problem by using one of the following measures:

   - Relocate either this product or the device that is being affected by the interference.
   - Utilize power outlets that are on different circuits (circuit breaker or fuse) on install AC line filters.
   - In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300 ohm ribbon lead, change the lead-in to coaxial type cable.

   If these corrective measures do not produce satisfactory results, please contact the local authorized distributor, or contact QRS Music Technologies, Inc. Tech Services, 2011 Seward Ave., Naples, FL 34109

   FCC ID: MZPATP2 Stationary Controller
   MZPATP2R Remote Control Unit

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER
NO USER SERVICABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED PERSONNEL.

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

GROUNDING INSTRUCTIONS: This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER - Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet, have a proper outlet installed by a qualified electrician

IMPORTANT SAFETY INSTRUCTIONS

This instrument is capable of producing extremely high volume levels. Adjust the MASTER VOLUME to the softest position before turning on or playing the piano. Gradually adjust the volume to suit your taste by adjusting the MASTER VOLUME louder while playing the instrument. You can damage your hearing by playing this instrument too loud. When using this instrument at high-volume levels, such as public performance, use appropriate ear protection.

WARNING When using electric products, basic precautions should always be followed, including the following:

1. Read all instructions before using the product.

2. To reduce the risk of injury, close supervision is necessary when a product is used near children.

3. Do not use this product near water - for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.

4. This product, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

5. The product should be located so that its location or position does not interfere with its proper ventilation.

6. This product should only be located away from heat sources such as radiators, heat registers, or other products that produce heat.

7. The product should only be connected to the type of power supply described in the operating instructions or as marked on the product.

8. This product may be equipped with a polarized line plug (one blade wider that the other). This is a safety feature. If you are unable to insert the plug into the outlet contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

9. The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.

10. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

11. The product should be serviced by qualified service personnel when:

    A) The power-supply cord or the plug has been damaged; or
    B) Objects have fallen, or liquid has been spilled into the product; or
    C) The product has been exposed to rain; or
    D) The product does not appear to operate normally or exhibits a marked change in performance; or
    E) The product has been dropped, or the enclosure damaged.

12. Do not attempt to service the product beyond that described in the user maintenance instructions. All other servicing should be referred to qualified service personnel.

SAVE THESE INSTRUCTIONS

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Introduction

Welcome

Congratulations on choosing the QRS Music Technologies, Inc. Serenade Pro™ player piano system! A great advancement over player pianos of yesterday, the QRS Music Technologies, Inc. Serenade Pro sets several new standards for ease-of-use, versatility, convenience, and musical realism. Whether you want soft background music for conversation, the gentle mood created by an upbeat jazz trio, or a powerful symphonic experience the Serenade Pro will accommodate you with years of unsurpassed musical enjoyment.

Overview

The Model ATP-2 Serenade Pro player piano system is a MIDI equipped music playback and record system (with Performance Option) for acoustic pianos. MIDI is an acronym for Musical Instrument Digital Interface. It is a universal language adopted by the musical instrument manufacturers so various MIDI equipped devices can talk to each other. MIDI is a form of communication.

The Serenade Pro system has two main parts, the Stationary Controller (the central brain) and the solenoid rail (or engine). Notes or keys C1 to A8 on the piano have a corresponding solenoid.

The Serenade Pro system performs the MIDI messages sent from either the internal CD-ROM, floppy drive, hard drive or an external device (page **). A message received by the Serenade Pro prompts the key solenoid to rise, hitting the tail of the piano key. The associated hammer then strikes the string exactly duplicating manual playing.

Choosing a Good Location

To prevent excessive internal heat buildup in the electronic components, place the piano in a location with sufficient air circulation.

Do not install the piano:

- Near heat sources such as radiators or hot air ducts.
- In direct sun light.
- In places where excessive dust, mechanical vibration or shocks exist.

Precautions

- Operate the unit only on 120 Volts AC, 60 Hz.
- Should any liquid fall into the stationary or Remote Controller unit, unplug the unit and have it checked by your QRS Music Technologies, Inc. dealer before continuing operation.
- Unplug unit from wall outlet if it is not used for an extended period.
- If you are unable to insert the Stationary Controller's power plug into a wall outlet, contact your QRS Music Technologies, Inc. dealer.
- If the unit is connected to an AC power source, it is still energized, even when turned off.

Playback Modes

Playback Source	Medium
Library	Prerecorded song selections from internal hard drive.
CD	Prerecorded song selections from compact discs.
Floppy Disk	Prerecorded song selections from floppy disks.

Software Version

The QRS Music Technologies, Inc. Serenade Pro may be purchased with or without the Performance Option. With the Performance Option, you can use many advanced features including multi-track recording, quick "one pass" recording, split keyboard and sound layering.

To determine what version you have, turn on your Serenade Pro:

Display shows:
Performance Option Package

QRS
Serenade Pro V P.***

Display shows:
Standard Package

QRS
Serenade Pro V S.***

GETTING STARTED

Controls and Indicators

Table 1. Remote Control Identification

1 NUMERIC KEYPAD
Used to select songs and multi functions directly.

2 POWER ON INDICATOR
Light indicates that power is on. Flashes intermittently during normal operation.

3 ON/OFF BUTTON
Used to turn on the Remote Control and the stationary controller unit. Press again to turn unit off.

4 DC POWER CONNECTOR
Used to connect 9 volt DC power source to Remote Control to recharge internal batteries.

5 SCAN BACKWARD BUTTON
Use to scan backward for a song selection and move backwards in certain other functions.

6 SCAN FORWARD BUTTON
Use to scan forward for a song selection and move forward in certain other functions.

7 STOP BUTTON
Used to stop playback, and recording.

8 PLAY BUTTON
Used to start playback, press again to start playback after pause button has been pressed.

9 PAUSE BUTTON
Used to pause playback, press again to start playback after pause button has been pressed.

10 ENTER/Y BUTTON
Used to enter into a pre-selected function or accept a specific attribute.

11 EXIT/N BUTTON
Used to exit from a pre-selected function or accept a specific attribute.

12 AUX BUTTON
Used to adjust input level of auxiliary equipment.

13 BAL BUTTON
Used to adjust orchestration level and equalization level of orchestration.

14 CD BUTTON
Used to select CD-ROM drive as playback source.

15 LBRY BUTTON
Used to select internal hard drive as playback source.

16 FLPY BUTTON
Used to select floppy drive as playback source.

17 MULTI BUTTON
Used to select multiple functions.

18 VOL BUTTON
Used in conjunction with the rotary dial to adjust master volume.

19 REC BUTTON
Used to initiate multi track recording.

20 RNDM BUTTON
Used for random playback of a selected source.

21 TRAN BUTTON
To transpose song playback, press this button and then use the rotary dial. (Transpose is not functional in CD playback)

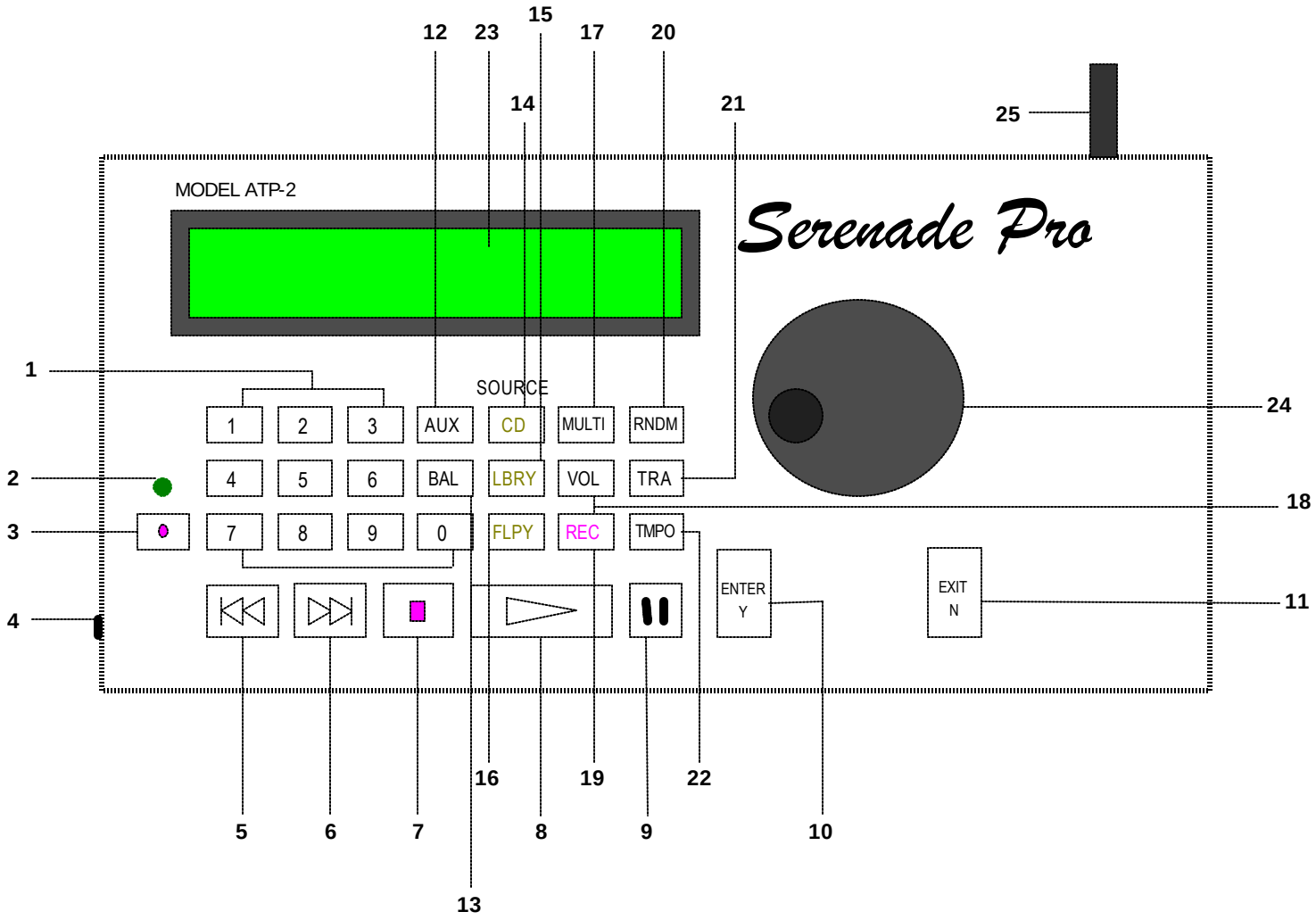
22 TEMPO BUTTON
To change tempo of song play back, press this button and then use the rotary dial. (Tempo is not functional in CD playback)

23 LIQUID CRYSTAL DISPLAY (LCD)
A 20 character, 2 line display shows current system status and dynamic button choices.

24 ROTARY DIAL
This rotary dial is used to adjust volume, and set various other parameter values, such as tempo, transposition, etc. The rotary dial defaults to master volume during playback.

25 ANTENNA
Used to communicate with the stationary controller. Keep antenna free of impediment.

26 BATTERY COMPARTMENT
Contains Remote Control batteries.


MODEL ATP-2
Serenade Pro
SOURCE
1
2
3
4
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6
7
8
9
0
AUX
CD
MULTI
RNDM
BAL
LBRY
VOL
TRA
FLPY
REC
TMPO
ENTER
Y
EXIT
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Table 2. Stationary Controller Identification

1 POWER ON INDICATOR
Light indicates that power is on. Flashes intermittently during normal operation.

2 MIDI IN INDICATOR
Light indicates that MIDI signal is being received Flashes intermittently during normal operation.

3 MIDI OUT INDICATOR
Light indicates that MIDI signal is being sent out. Flashes intermittently during normal operation.

4 CD INDICATOR
Light indicates that CD-ROM drive is selected media source.

5 LBRY INDICATOR
Light indicates that internal hard drive is selected media source.

6 FLPY INDICATOR
Light indicates that floppy drive is selected media source..

7 ON/OFF BUTTON
Used to turn on the stationary controller unit. Press again to turn unit off. (The stationary controller does not power on the Remote Control.)

8 CD BUTTON
Used to select CD-ROM drive as playback source.

9 LBRY BUTTON
Used to select internal hard drive as playback source.

10 FLPY BUTTON
Used to select floppy drive as playback source.

11 ACCOMP. VOL. DOWN BUTTON
Used to decrease orchestration volume.

12 ACCOMP. VOL. UP BUTTON
Used to increase orchestration volume.

13 MASTER VOL. DOWN BUTTON
Used to decrease overall volume.

14 MASTER VOL. UP BUTTON
Used to increase overall volume.

15 SCAN BACKWARD BUTTON
Use to scan backward for a song selection and move backwards in certain other functions.

16 SCAN FORWARD BUTTON
Use to scan forward for a song selection and move forward in certain other functions.

17 STOP BUTTON
Used to stop playback, and recording.

18 PLAY BUTTON
Used to start playback, press again to start playback after pause button has been pressed.

19 REC BUTTON
Use to initiate Quick™ Record.

20 FLOPPY DISK DRIVE
3.5 inch HD/DD floppy drive.

21 IN USE INDICATOR
Light indicates that the floppy drive is in use or busy.

22 DISK DOOR
Floppy drive door.

23 FLOPPY DISK EJECTION BUTTON
Used to remove floppy from drive.

24 CD PLAYER
CD-ROM disc drive.

25 BUSY INDICATOR
Light indicates that CD-ROM is in use or busy.

26 DISC TRAY
Used to hold CD to be played with the Serenade Pro Unit. (Note: Printed side up)

27 EMERGENCY EJECT HOLE
Used to open CD-ROM disc tray if tray is jammed shut.

28 OPEN/CLOSE BUTTON
Used to open and close the CD-ROM disc tray.

29 SWITCHED AC POWER OUTLET
Used to power external device to Serenade Pro Unit.

30 AC POWER INPUT
Used to connect power supply to Serenade Pro Unit.

31 AUX INPUT LEFT AND RIGHT CHANNEL
Used to connect auxiliary device to the Serenade Pro Unit.

32 LINE OUTPUT LEFT AND RIGHT
Used to connect speakers to the Serenade Pro Unit.

33 ANALOG MIDI INPUT AND OUTPUT

Used to connect audio from external playback source, such as multi disk CD player.

34 VIDEO OUT

Used to connect video to an outside device, such as a TV, VCR or monitor.

35 ANTENNA

Used to communicate with the Remote Control. Keep antenna free of impediment.

36 PROCESSOR BOARD CONNECTOR

Used to connect the solenoid engine to the Serenade Pro Unit.

37 MIDI RECORD

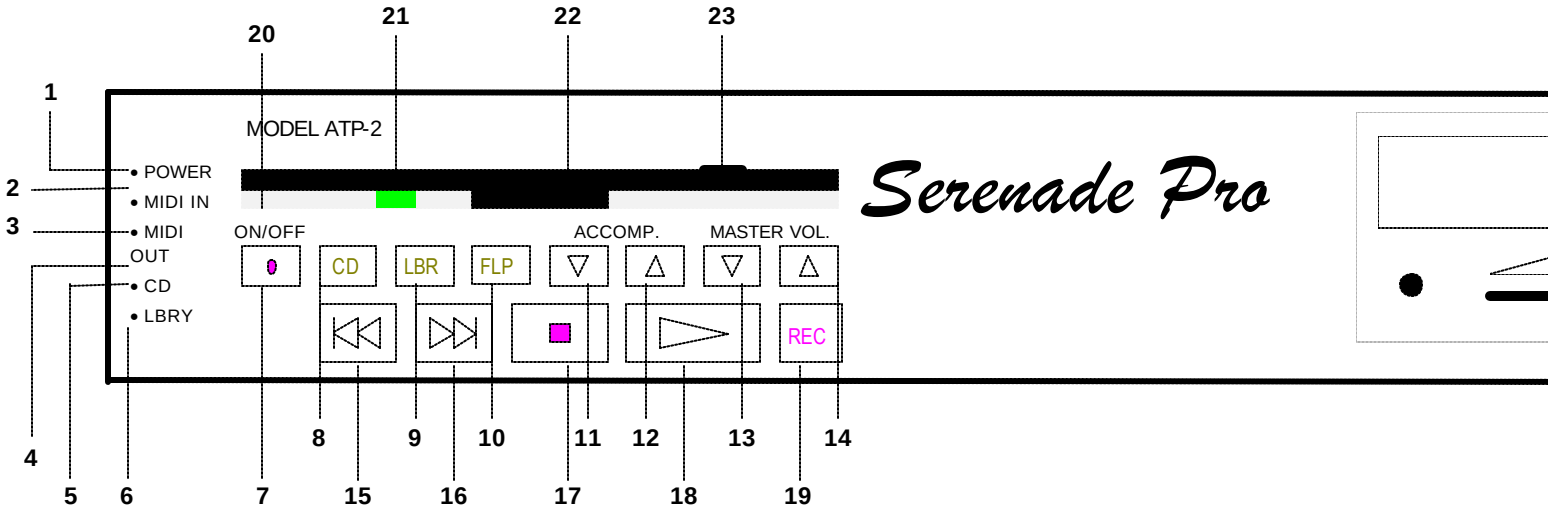
Used to connect the MIDI strip to the Serenade Pro Unit.

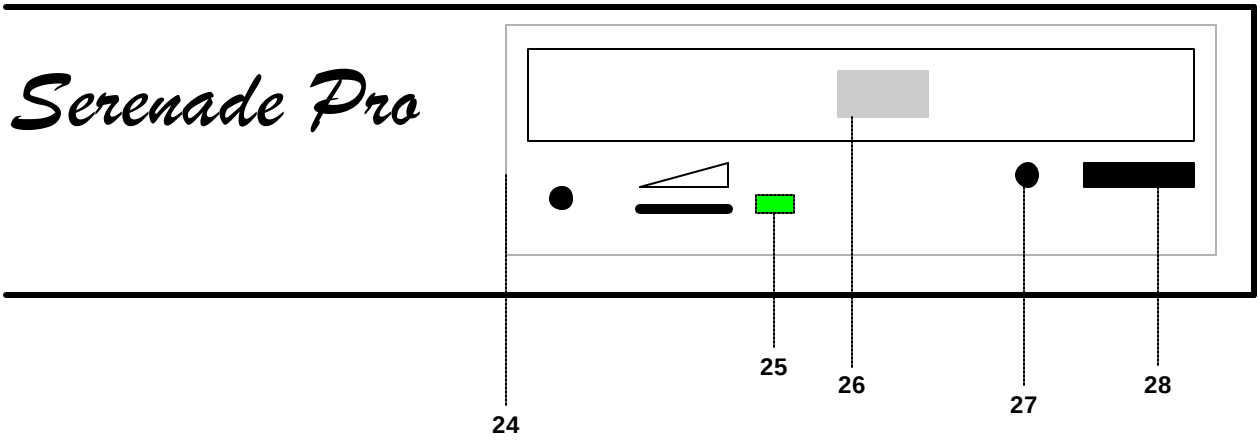
38 MIDI IN CONNECTOR

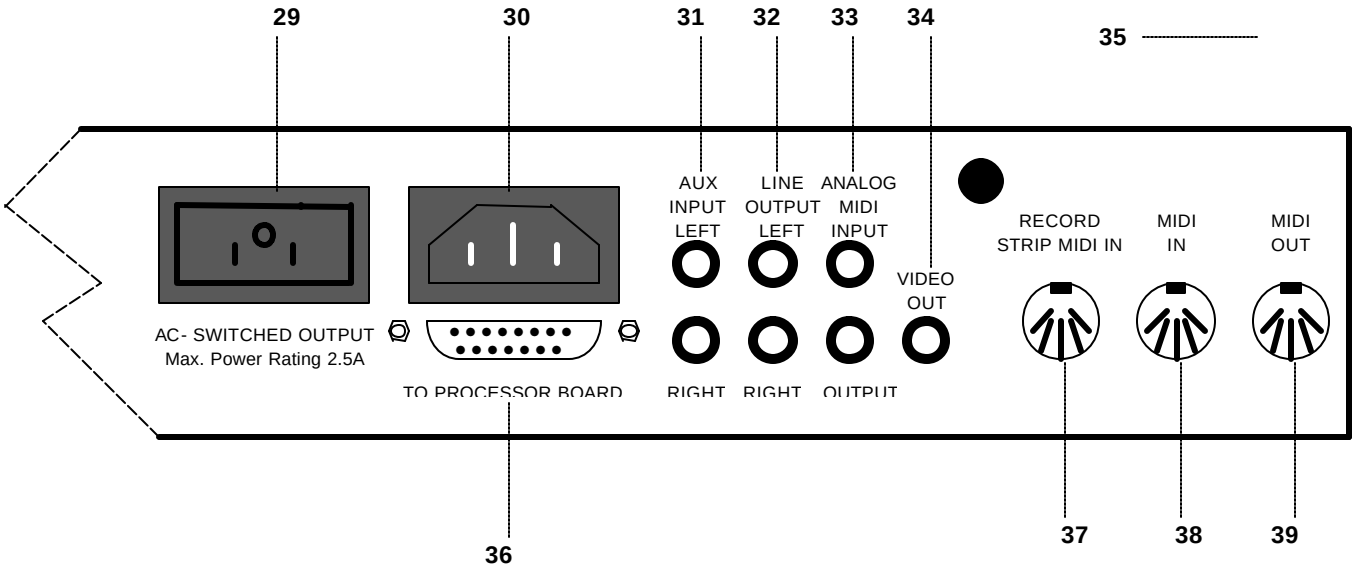
Used to received MIDI signal from outside device.

39 MIDI OUT

Used to send MIDI signal out to outside device.






29
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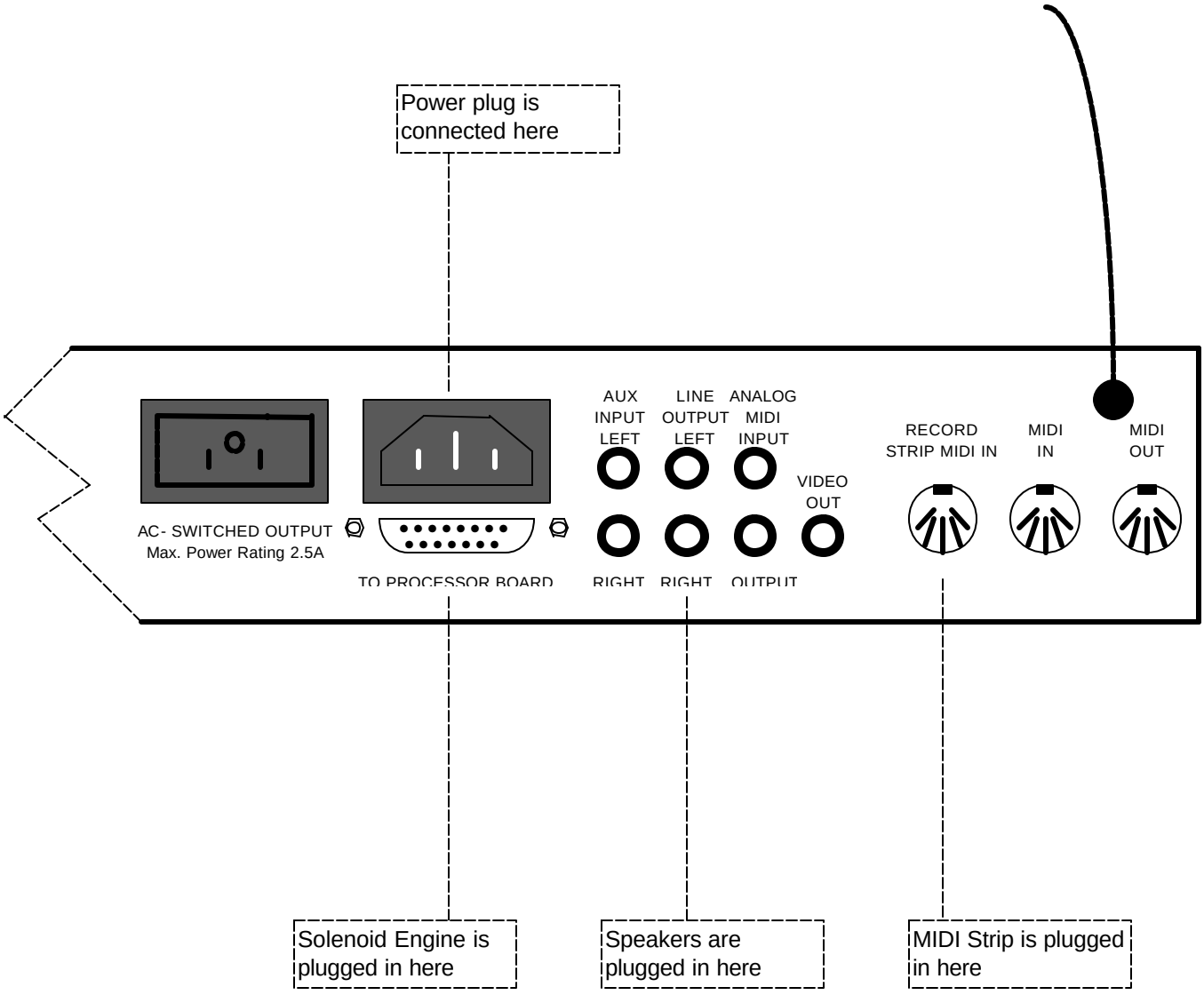
34
35
AUX INPUT LEFT
LINE OUTPUT LEFT
ANALOG MIDI INPUT
VIDEO OUT
RECORD STRIP MIDI IN
MIDI IN
MIDI OUT
AC- SWITCHED OUTPUT
Max. Power Rating 2.5A
TO PROCESSOR BOARD
RIGHT
RIGHT
OUTPUT
36
37
38
39

Connecting the Serenade Pro



QUICK GUIDE

Functions	Remote Control	Stationary Controller	Page Number
Add Library	MULTI 1	*Remote Only*	22
Auxiliary Access	AUX	*Remote Only*	39
Balance	BAL	▽ △	17
CD Access	CD	CD	20
Copy Song	MULTI 7	*Remote Only*	27
Delete Library	MULTI 2	*Remote Only*	25
Delete Song	MULTI 4	*Remote Only*	32
Equalize Accompaniment	BAL	*Remote Only*	17
Floppy Access	FLPY	FLPY	21
Format/Erase Disk	MULTI 6	*Remote Only*	33
Library Access	LBRY	LBRY	19
Master Volume	VOL	▽ △	16
Pause	❚❚	*Remote Only*	15
Piano Delay	MULTI 1 1	*Remote Only*	35
Piano Mute	MULTI 0	*Remote Only*	34
Play	▷	▷	15
Power On/Off	●	●	13
Program Play	MULTI 8	*Remote Only*	36

Functions	Remote Control	Stationary Controller	Page Number
Random Play	RNDM	*Remote Only*	39
Record (Multi Track)	REC	*Remote Only*	43
Record (Quick)	*Stationary Controller Only*	REC	42
Rename Library	MULTI 3	*Remote Only*	23
Rename Song	MULTI 5	*Remote Only*	31
Repeat Play	MULTI 1 0	*Remote Only*	38
Scan Backward	⏮	⏮	14
Scan Forward	⏭	⏭	14
Sound Card Access	MULTI 9	*Remote Only*	40
Split Keyboard	MULTI 9 ENTER Y	*Remote Only*	40
Stop	■	■	15
Tempo	TMPO	*Remote Only*	18
Transpose	TRAN	*Remote Only*	18

Multi-Function Quick Guide

Multi-Function	Number	Page Number
Add Library	Multi - 1	22
Copy Song	Multi - 7	27
Delete Library	Multi - 2	25
Delete Song	Multi - 4	32
Format/Erase Disk	Multi - 6	33
Piano Delay	Multi - 11	35
Piano Mute	Multi - 0	34
Program Play	Multi - 8	36
Rename Library	Multi - 3	23
Rename Song	Multi - 5	31
Repeat Play	Multi - 10	38
Sound Card	Multi - 9	40

BASIC OPERATIONS

In the Basic Operations section of the QRS Music Technologies, Inc. Serenade Pro Owners Manual, you will find the basic functions that will allow you to enjoy your new player piano system. Unless noted, functions are for both the Remote Control and Stationary Controller. Many functions can be accessed from both the Remote Control and the Stationary Controller.

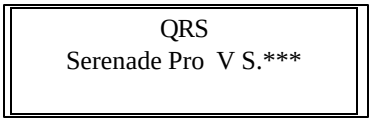
Power ON & Power OFF

The power function allows you to turn the Serenade Pro system on and off. The power function can be accessed from both the Remote Control and the Stationary Controller.

1. Press **ON/OFF BUTTON** of Remote Control to power on.

Green power indicator light will illuminate on both remote and Stationary Controllers.

Display shows:
After a brief delay



After a few seconds, the unit will default to the source mode that was last used.

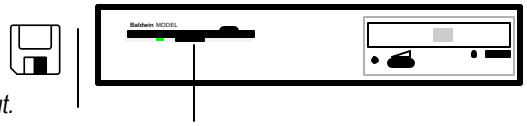
2. Press **ON/OFF BUTTON** again to power off.

Green power indicator light will not illuminate on both Remote and Stationary Controllers when powered off.

NOTE: If you power on using the Stationary Controller, you will have to also power on the Remote Control. The Remote Control will power on both the Remote Control and the Stationary Controller.

Inserting Floppy Disk

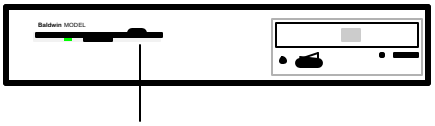
1. Insert Floppy Disk into disk drive.



Floppy disk ejection button will be extended out.

Removing Floppy Disk

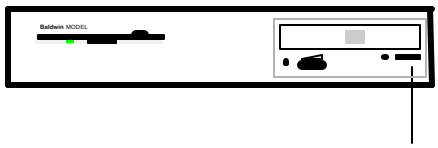
1. Press the Floppy Drive Ejection Button to remove floppy disk.



Floppy disk ejection button will be flush with floppy drive.

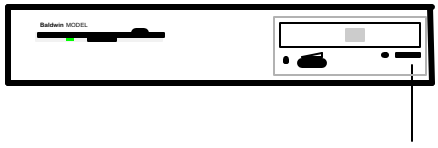
Inserting CD

1. Open the Disc Tray by pushing the Open/Close Button on the CD Drive.
2. Place the CD in the Disc Tray (Printed side up).
3. Close the Disc Tray by pushing the Open/Close Button on the CD Drive.



Removing CD

1. Open the Disc Tray by pushing the Open/Close Button on the CD Drive.
2. Remove the CD from the Disc Tray (place disc back into case).
3. Close the Disc Tray by pushing the Open/Close Button on the CD Drive.

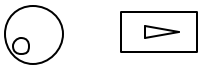


Select Song

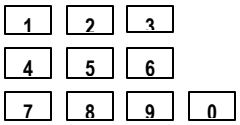
There are three different ways to select a song.

You must first select a source, then you can select a song.

Use **ROTARY DIAL** in pause or stop mode to select a song, then press the **PLAY BUTTON**. *Remote Control ONLY*

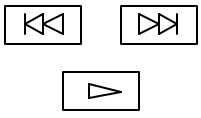


Use **NUMERIC KEYPAD** to select a song - song will start to play immediately. *Remote Control ONLY*



Use **FORWARD SCAN BUTTON** or **REVERSE SCAN BUTTON** to select a song, then press the **PLAY BUTTON**.
Remote Control or

Stationary Controller



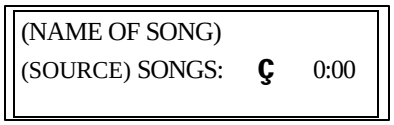
Start Playback

The **PLAY BUTTON** allows you to start playback of a song from any media source. The play function can be accessed from both the Remote Control and the Stationary Controller.

1. Press the **PLAY BUTTON** to start playback of a song.

Media source must be chosen along with a song selection.

Display shows:



*NOTE: Pressing **PLAY** without selecting a specific song selection will begin playback of the entire media source.*

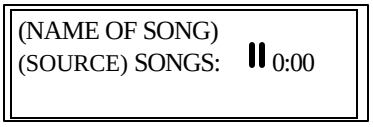
Pause Playback

The **PAUSE BUTTON** allows you to pause playback of a song from any media source. The pause function can be accessed from the Remote Control only.

1. Press the **PAUSE BUTTON** to pause playback of song.

Song must be playing for pause to function.

Display shows:



*Press **PLAY** or **PAUSE BUTTON** to start playback again.*

Stop Playback

The **STOP BUTTON** allows you to stop playback of a song from any media source. The stop function can be accessed from both the Remote Control and the Stationary Controller.

1. Press the **STOP BUTTON** to stop playback of song.

Song must be playing for stop to function.

Once stopped, unit defaults to song 1 selection of source.

Master Volume Control

The Master Volume Control allows you to control the volume of the piano and the orchestration concurrently.

1. Press **VOL BUTTON.**

***TIP**: During playback mode the **ROTARY DIAL** defaults to Master Volume Control. It is not necessary to press the **VOL BUTTON,** just begin to move the **ROTARY DIAL**.*

Display shows:
After about 3 seconds of no control movement, returns to playback display

***TIP**: The small line on the right side of the Master Volume Meter is the optimum volume position for dynamic and expressive playback.*

2. Turn **ROTARY DIAL** left or right to adjust volume level.

OR for Stationary Controller Press **MASTER VOL UP BUTTON** or **MASTER VOL DOWN BUTTON** to adjust volume.

***NOTE:** When Master Volume Meter is filled to the right, the piano and orchestration will be the loudest. When Master Volume Meter is empty or to the left, the piano and the orchestration will be softest or completely silent.*

Balance - Accompaniment Volume - Equalization

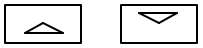
The Balance or Accompaniment Volume allows you to control the volume of the orchestration (background music). The equalization functions allow you to adjust the treble and bass tone of the orchestration.

1. Press **BAL BUTTON** to change accompaniment volume level.

Display shows:

2. Turn **ROTARY DIAL** left or right to adjust accompaniment volume level.

OR for Stationary Controller Press **ACCOMP VOL UP BUTTON** or **ACCOMP VOL DOWN BUTTON** to adjust accompaniment volume.



3. Press **BAL BUTTON** again to change accompaniment bass tone.

Display shows:

4. Turn **ROTARY DIAL** left or right to adjust accompaniment bass tone.

5. Press **BAL BUTTON** again to change accompaniment treble tone.

Display shows:

6. Turn **ROTARY DIAL** left or right to adjust accompaniment treble tone.

NOTE: Steps 3 - 6 can only be performed with the Remote Control.

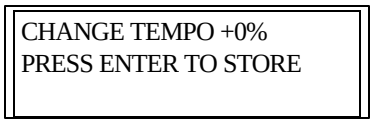
7. Press **ENTER/Y BUTTON** to return to main display.

Changing Tempo

The Tempo Function allows you to speed up or slow down the playback tempo of a MIDI (digital) recorded song by a percentage. (Tempo Function is inactive in CD Playback Mode). Remote Control Only.

1. Press **TMPO BUTTON** to change tempo.

Display shows:



2. Turn **ROTARY DIAL** left (-) or right (+) to change tempo.

3. Press **ENTER/Y BUTTON** to store new tempo.

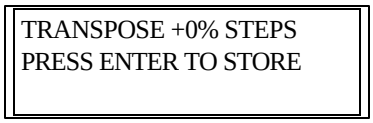
Display returns to playback display.

Transpose

The Transpose Function allows you to change the key up or down in the playback mode of a MIDI (digital) recorded song. (Transpose Function is inactive in CD Playback Mode). Remote Control Only.

1. Press **TRAN BUTTON** to transpose key.

Display shows:



2. Turn **ROTARY DIAL** left (-) or right (+) to change key.

3. Press **ENTER/Y BUTTON** to store new key.

Display returns to playback display.

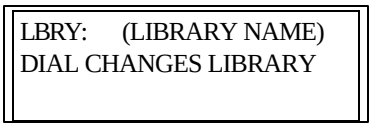
Library Play Mode

The Library Play Mode allows you to play songs from the QRS Music Technologies, Inc. Serenade Pro internal hard drive. You can create up to 99 custom libraries with up to 99 song selections in each library. (See Advanced Library functions for more details.)

1. If not in Library Mode Press **LBRY BUTTON.**

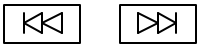
The amber LBRY indicator lights up on the Stationary Controller.

Display shows:



2. Turn **ROTARY DIAL** left or right to select a library.

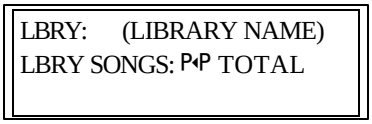
OR for Stationary Controller Press **FORWARD SCAN BUTTON** or **REVERSE SCAN BUTTON** to select a library.



3. Press **ENTER/Y BUTTON** when the desired library appears in display.

OR for Stationary Controller Press **STOP BUTTON** when the desired library appears in display.

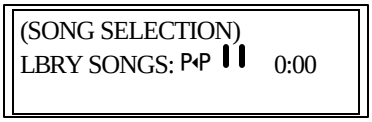
Display shows:



4. To play a specific song in the selected library turn **ROTARY DIAL** left or right to select the desired song. (Also Refer to **Select Song** section.)

*If you press **PLAY BUTTON** after selecting **LBRY**, all selections will be played in order.*

Display shows:



5. To play selected song, press **PLAY BUTTON.**

*NOTE: To exit a library and chose another library, press the **LBRY BUTTON** or follow the steps 1-5.*

CD Play Mode

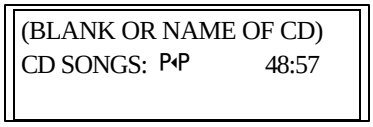
CD Play Mode allows you to play songs from the QRS Music Technologies, Inc. Serenade Pro CD-ROM drive.

In CD Play Mode, the Tempo and Transposition functions are not operational.

1. With a CD in CD Player, press **CD BUTTON.**

The amber CD indicator lights up on the Stationary Controller.

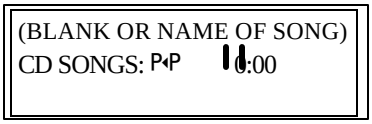
Display shows:



2. To play a specific song turn **ROTARY DIAL** left or right to select the desired song. (Also Refer to **Select Song** section page.)

If you press PLAY BUTTON after selecting CD, all selections will be played in order.

Display shows:

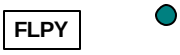


3. To play selected song, press **PLAY BUTTON.**

Floppy Disk Play Mode

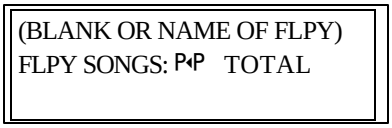
Floppy Disk Play Mode allows you to play songs from the QRS Music Technologies, Inc. Serenade Pro internal 1.44mb 3.5 floppy disk drive.

1. With a floppy disk in the floppy disk drive, press **FLPY BUTTON.**



*The amber **FLPY** indicator lights up on Stationary Controller.*

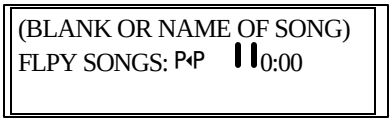
Display shows:



2. To play a specific song turn **ROTARY DIAL** left or right to select the desired song. (Also Refer to **Select Song** section.)

*If you press **PLAY BUTTON** after selecting **FLPY**, all selections will be played in order.*

Display shows:



3. To play selected song, press **PLAY BUTTON.**

ADVANCED OPERATIONS

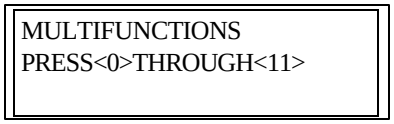
Add Library

The Add Library function allows you to add custom libraries to your QRS Music Technologies, Inc. Serenade Pro internal hard drive. Up to 99 individual libraries can be created.

Only the Remote Control can initiate MULTI-FUNCTIONS.

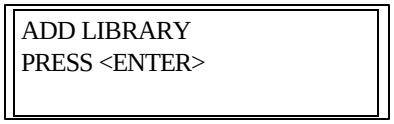
1. Press **MULTI BUTTON**.

Display Shows:



2. Press the **1 BUTTON** or turn **ROTARY DIAL**.

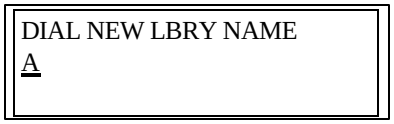
Display Shows:



3. Press **ENTER/Y BUTTON**.

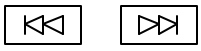
4. Turn **ROTARY DIAL** right or left to select letters for new library title.

Display Shows:



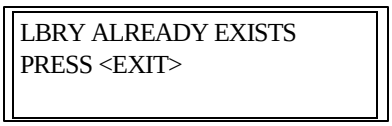
NOTE: Upper or lower case letters and numbers are available.

5. Press **FORWARD** or **REVERSE SCAN BUTTON** to choose next letter in title then repeat step 4.



6. Once library title is complete press **ENTER/Y BUTTON**.

Display then returns to multi functions mode screen.



If a library already exists , you will see this display.

Press **EXIT/N BUTTON**, and repeat steps 1 through 5 using a different name.

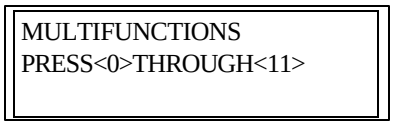
Rename Library

The Rename Library function allows you to rename an existing library.

Only the Remote Control can initiate MULTI-FUNCTIONS.

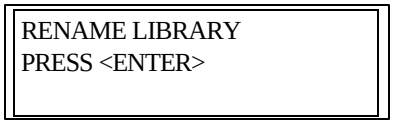
1. Press **MULTI BUTTON**.

Display Shows:



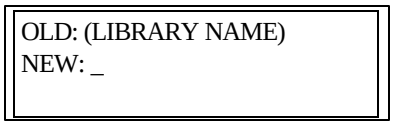
2. Press the **3 BUTTON** or turn **ROTARY DIAL**.

Display Shows:



3. Press **ENTER/Y BUTTON**.

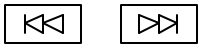
Display Shows:



4. Turn **ROTARY DIAL** right or left to select letters for renamed library title.

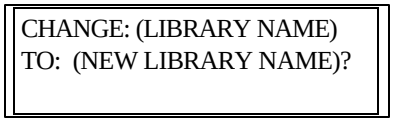
NOTE: Upper or lower case letters and numbers are available.

5. Press **FORWARD OR REVERSE SCAN BUTTON** to choose letter then repeat step 4.



6. Once library title is complete press **ENTER/Y BUTTON**.

Display Shows:



7. Press **ENTER/Y BUTTON**.

Display then returns to multi functions mode screen.

LBRY ALREADY EXISTS
PRESS <EXIT>

If a library already exists, you will see the following display.

EXIT
N

Press **EXIT/N BUTTON**, and repeat steps 1 through 5 using different name.

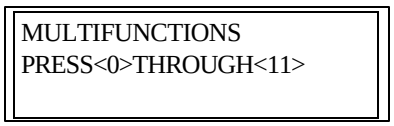
Delete Library

The Delete Library function allows you to delete an unwanted library. A library that is to be deleted must be cleared of all song selections before it can be deleted. See Delete Songs for instructions.

Only the Remote Control can initiate MULTI-FUNCTIONS.

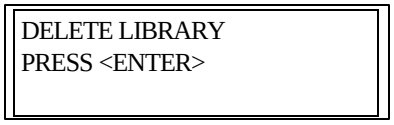
1. Press **MULTI BUTTON**.

Display Shows:



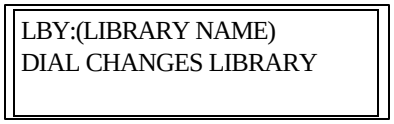
2. Press the **2 BUTTON** or turn **ROTARY DIAL**.

Display Shows:



3. Press **ENTER/Y BUTTON**.

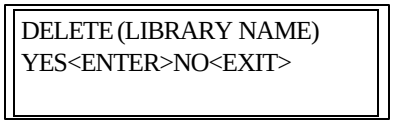
Display Shows:



4. Turn **ROTARY DIAL** right or left to select name of library you want to delete.

5. Press **ENTER/Y BUTTON** once you have selected the library to be deleted.

Display Shows:



*If you press **EXIT/N**, display returns to multi-function mode screen and nothing is deleted.*

6. Press **ENTER/Y BUTTON**.

Library has been deleted. Display then returns to multi-functions mode screen.

LIBRARY NOT EMPTY
PRESS <EXIT>

If songs are present in the selected library, you will see the following display

EXIT
N

Press **EXIT/N BUTTON**.

Go to **MULTI-FUNCTION 4 - DELETE SONGS** and delete songs from library, then repeat steps 1 through 6.

Copy Songs

Copy from Floppy Disk to Library

Allows you to copy a song file(s) from the floppy drive to a library on the internal hard drive.

Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Select **FLPY** as source of songs to copy. (Refer to **BASIC OPERATIONS** page.)

2. Press **MULTI BUTTON**.

MULTI

Display Shows:

MULTIFUNCTIONS PRESS<0>THROUGH<11>

3. Press the **7 BUTTON** or turn **ROTARY DIAL**.

7

Display Shows:

COPY ALL <ENTER> OR ONE<1> SONG TO LBRY?

4. Press the **1 BUTTON** to copy one song from floppy disk to library. Press **ENTER/Y BUTTON** to copy all songs from floppy disk to library.

1 or **ENTER Y**

Display Shows:
Percentage of target disk (Hard Drive)

DISK IS % FULL PLEASE WAIT….

After 3 seconds:

Display shows:

LBRY: (CURRENT LIBRARY) DIAL SELECTS LIBRARY

5. Turn **ROTARY DIAL** right or left to select name of library you wish to copy to.

6. Press **ENTER/Y BUTTON**. *(for 1 song go to 6-A; for all songs go to display after 6-B)*

ENTER Y

Display Shows:

PLEASE WAIT…… COPY IN PROGRESS

6-A. If copying just one song <1>, use **ROTARY DIAL** to choose song.

Display Shows:

(SONG TITLE) DIAL SELECTS SONG

6-B. Press **ENTER/Y BUTTON**.

Display Shows:

PLEASE WAIT…… COPY IN PROGRESS

If library is full:

LBRY FULL - SEE MANUAL PRESS <EXIT>

Display Shows

NOTE: Each library can store up to 99 song selections.

In order to copy new songs to library, refer to **MULTI-FUNCTION 4 - DELETE SONGS** and remove enough songs from the library to accommodate copying new songs to the library - or add a new library. Then repeat steps 1 through 7.

Display Shows:

COPY COMPLETE

After 3 seconds

Display Shows:

COPY ANOTHER? YES<ENTER> NO<EXIT>

7. Press **ENTER/Y BUTTON** and repeat steps 1 through 7 to copy another floppy disk to library. Press **EXIT/N BUTTON** to exit multi-function - 7 mode.

Display then returns to multi-functions mode screen.

*NOTE: If a song you are copying to the library already exists with the same song title as the one already in the library you can overwrite or change the song title (See **RENAME SONG**.)*

Copy from Library to Floppy Disk

Allows you to copy a song file from a library on the internal hard drive to a floppy disk.

Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Select **LBRY** as source and select the library with the songs you wish to copy. (Refer to **BASIC OPERATIONS**.)

2. Press **MULTI BUTTON**.

[MULTI]

Display Shows:

MULTIFUNCTIONS PRESS<0>THROUGH<11>

3. Press the **7 BUTTON** or turn **ROTARY DIAL**.

[7]

Display Shows:

COPY ALL <ENTER> OR ONE<1> SONG TO FLPY?

4. Press the **1 BUTTON** to copy one song from library to floppy disk. Press **ENTER/Y BUTTON** to copy all songs from library to floppy disk.

[1] or [ENTER Y]

After 3 seconds:

Display shows:
(If copying 1 song)

(SONG TITLE) DIAL SELECTS SONG

5-A If you select "one song" turn **ROTARY DIAL** right or left to select name of song you wish to copy.

5-B Press **ENTER/Y BUTTON**.

[ENTER Y]

Display Shows:
(If copying all songs)
Percentage of target disk (Floppy Disk)

DISK IS % FULL PLEASE WAIT….

Display Shows:

PLEASE WAIT…… COPY IN PROGRESS

If floppy is full:

FLPY FULL - LOAD NEW ONE OR PRESS <EXIT>	**Display Shows**
	Insert new floppy disk. OR
EXIT N	In order to copy new songs to floppy, refer to **MULTI-FUNCTION 4 - DELETE SONGS** and remove enough songs from the floppy to accommodate copying new songs to the floppy. Then repeat steps 1 through 9.

Display Shows:

COPY COMPLETE

After 3 seconds:

Display Shows:

COPY ANOTHER? YES<ENTER> NO<EXIT>

9. Press **ENTER/Y BUTTON** and repeat steps 1 through 9 to copy another song selection to floppy. Press **EXIT/N BUTTON** to exit multi-function.

ENTER Y EXIT N

Display then returns to multi-functions mode screen.

NOTE:
If copied song exists

(SONG TITLE) EXISTS; OVERWRITE?	**Display Shows**
ENTER Y	If you are copying a song that already exists on the target disk, and you want to overwrite it press **ENTER/Y BUTTON**. (Follow screen instructions)
EXIT N	If you are not sure if you want to overwrite the existing song on the target disk press **EXIT/N BUTTON**. (Follow screen instructions)

Rename Songs

The Rename functions allows you to rename the title of an existing song file.

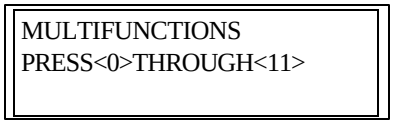
Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Select source which contains the song selection you wish to rename. (Refer to **BASIC OPERATIONS**.)

NOTE: *You cannot rename a song file on a CD.*

2. Press **MULTI BUTTON**.

Display Shows:

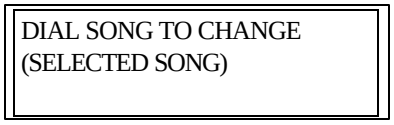


3. Press the **5 BUTTON** or turn **ROTARY DIAL**.

Display Shows:

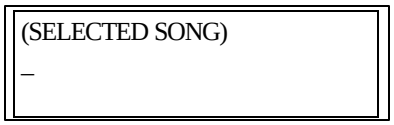
4. Press **ENTER/Y BUTTON**.

Display Shows:



5. Press **ENTER/Y BUTTON**.

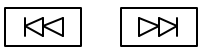
Display Shows:



6. Turn **ROTARY DIAL** right or left to select letters for renamed library title.

NOTE: Upper or lower case letters and numbers may be used.

7. Press **FORWARD OR REVERSE SCAN BUTTON** to choose letter then repeat step 6.



8. Press **ENTER/Y BUTTON** when renaming is complete.

Display then returns to multi-functions mode screen.

Delete Songs

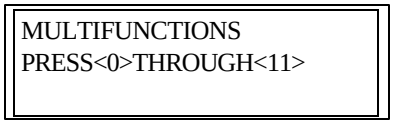
The Delete Song function allows you to delete an unwanted song file on the internal hard drive or a floppy disk.

Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Select source which contains the song selection you wish to delete. (Refer to **BASIC OPERATIONS**.)

2. Press **MULTI BUTTON**.

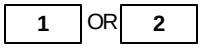
Display Shows:



3. Press the **4 BUTTON** or turn **ROTARY DIAL**.

Display Shows:

5. Press the **1 BUTTON** to delete one song or the **2 BUTTON** to delete all songs.



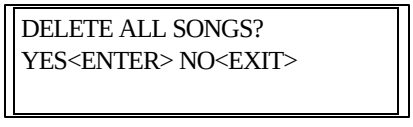
Display Shows:

6-A. Turn **ROTARY DIAL** right or left to select name of song title to delete (for deleting single song).

6-B. Press **ENTER/Y BUTTON.**

Display shows:
(If deleting 1 song)

Display shows:
(If deleting all songs)



7. Press **ENTER/Y BUTTON.**

Song(s) is deleted. Display returns to multi-functions mode screen.

Format/Erase Disk

The Format/Erase Disk function allows you to format or erase a disk with your Serenade Pro Unit. This eliminates the need to go to your personal computer.

Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Press **MULTI BUTTON**.

MULTI

Display Shows:

MULTIFUNCTIONS
PRESS<0>THROUGH<11>

2. Press the **6 BUTTON** or turn **ROTARY DIAL**.

6

Display Shows:

ALL SONGS WILL BE
LOST…CONTINUE?

3. Press **ENTER/Y BUTTON**.

ENTER Y

Upon completion of formatting:

Display Shows:

PLEASE WAIT…..
FORMAT IN PROGRESS

Display Shows:

FORMAT COMPLETE

If disk has been set to the write protected position, remove disk from drive and remove from write protection position. Reinsert disk in drive and repeat steps 1 through 3.

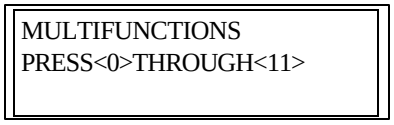
Piano Mute

The Piano Mute function allows you to stop the piano from playing while still listening to the recorded orchestration.

Only the Remote Control can initiate MULTI-FUNCTIONS.

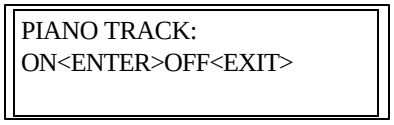
1. Press **MULTI BUTTON**.

Display Shows:



2. Press the **0 BUTTON** or turn **ROTARY DIAL**.

Display Shows:



3. Press **EXIT/N BUTTON** to turn off source media's piano track.

After returning to the media's play screen, you may make any adjustments permissible for that media.

This function must be reset to PIANO TRACK ON, after playing each song.

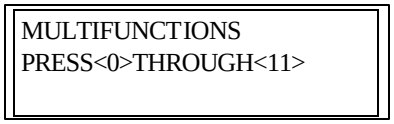
Piano Delay

The Piano Delay function is for use by your authorized Serenade Pro Technician **ONLY**. It allows for fine timing adjustments of the keyboard and the orchestra accompaniment.

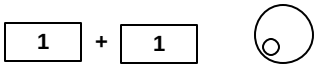
Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Press **MULTI BUTTON**.

Display Shows:

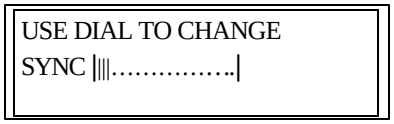


2. Press the **1 BUTTON** twice or turn **ROTARY DIAL**.



3. Press **ENTER/Y BUTTON**.

Display Shows:



4. Turn **ROTARY DIAL** right or left to change piano synchronization to accompaniment. The accessory is delayed more as the indicator moves to the right.

5. Press **ENTER/Y BUTTON**.

Display returns to multi-functions mode screen.

Program Play

The Program Play function allows you to pre-program your Serenade Pro System to play multiple selections from various playback sources in the order of your choosing.

Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Press **MULTI BUTTON**.

MULTI

Display Shows:

MULTIFUNCTIONS
PRESS<0>THROUGH<11>

2. Press the **8 BUTTON** or turn **ROTARY DIAL**.

8

Display Shows:

PROGRAM PLAY
PRESS<ENTER>

3. Press **ENTER/Y BUTTON**.

ENTER Y

Display Shows:

PRGM PLY: PRESS PLAY
OR <ENTER> PROGRAMS

4. Press **ENTER/Y BUTTON**.

ENTER Y

Display Shows:

SELECT SOURCE
<EXIT> ENDS PRGM

5. Select source by pressing **FLPY BUTTON*** or **CD BUTTON*** or **LBRY BUTTON****.

FLPY OR **CD** OR **LBRY**

FLPY & CD NOTE: To program an entire floppy or CD disc to play, select floppy or CD as the source and press **ENTER/Y BUTTON. (Skipping to step 7) The entire disc will play in order at the programmed point.*

***LBRY NOTE: When choosing Library as a source, you have the option of programming the entire library to play (Press **LBRY BUTTON** once, when the desired library appears in the display) or choosing a song in a library (Press **LBRY BUTTON** twice, when the library with the desired song appears in the display).*

6. Once selected source is entered, use **ROTARY DIAL** to select song.

7. Press **ENTER/Y BUTTON**.

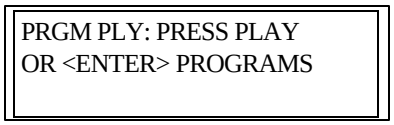
Display Shows:

8. Repeat steps 5 through 7 until your program is complete.

Display Shows:

9. When complete press **EXIT/N**.

Display Shows:



10. Press **PLAY BUTTON** when ready to activate your program play.

Display Shows:

TIPS for Program Play:

- *Use **SCAN FORWARD** and **SCAN REVERSE** (in play mode) or the **ROTARY DIAL** (in pause mode) to scroll through program play.*
- *To stop playback of the program play, press **STOP**, to start program play again, press **PLAY.***
- *To clear program play press **EXIT/N** twice.*
- *Once you exit program play or power off the unit, your program is unretrievable.*
- *Up to 99 song selections can be programmed in program play.*

Repeat Play

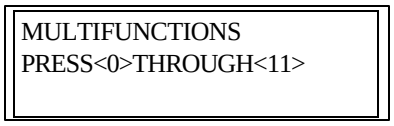
The Repeat Play function allows you to repeat either a specific song selection or an entire media source.

Only the Remote Control can initiate MULTI-FUNCTIONS.

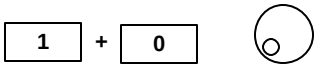
1. Select source to repeat play. (Refer to **BASIC OPERATIONS**.)

2. Press **MULTI BUTTON**.

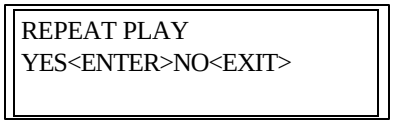
Display Shows:



3. Press the **1 BUTTON** and the **0 BUTTON** or turn **ROTARY DIAL**.



Display Shows:



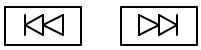
4. Press **ENTER/Y BUTTON**.

Display Shows:

5-A. To repeat selected song, press the **1 BUTTON.**

Display Shows:

When you press the 1 BUTTON, the system will immediately begin to play the first song selection of the media source you are in. To change the song selection (in the media source that you are in) press the **FORWARD** or **REVERSE SCAN BUTTON** or the **NUMERIC KEYPAD** (in play mode) or the **ROTARY DIAL** (in pause mode) to select the specific song you desire.



5-B. To repeat selected library or disc, press **2 BUTTON**.

Display Shows:

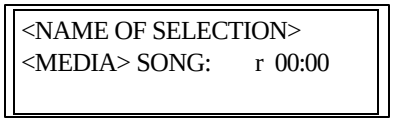
Random Play

The Random Play function allows for random or shuffled playback of a selected media source. Remote Control Only.

1. Select media source for random playback. (Refer to **BASIC OPERATION**.)

2. Press **RNDM BUTTON** to begin random playback.

Display Shows:



*Press **STOP BUTTON** to end random play.*

Auxiliary Functions

The Auxiliary function allows for input level of an external device (such as a CD changer, drum machine or other MIDI device).

1. Press **AUX BUTTON**.

2. Turn **ROTARY DIAL** to adjust volume.

Display shows:

*Press **EXIT BUTTON** to return to main menu.*

PERFORMANCE OPTION

The Performance Option equips the Serenade Pro System with a MIDI Strip and additional software that allows for Quick Record™ one track event recording, a 64 track sequence recording station, sound layering, assignable split point with independent MIDI sounds for left and right hands. Also, with the Performance Option, a MIDI signal can be sent to external MIDI devices.

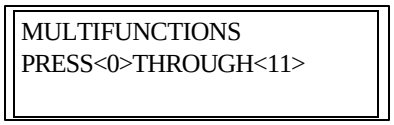
Sound Card

Allows the access of 128 MIDI generated voices and assignable split keyboard for sound layering.

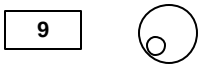
Only the Remote Control can initiate MULTI-FUNCTIONS.

1. Press **MULTI BUTTON**.

Display Shows:



2. Press the **9 BUTTON** or turn **ROTARY DIAL**.



Display Shows:

Default sound is 049 Strings

3. Turn **ROTARY DIAL** to change sounds for the entire keyboard.

*Refer to **MIDI VOICE CHART**.*

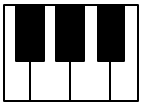
Split Keyboard

4. Once in Sound Card mode, press **ENTER/Y BUTTON.**

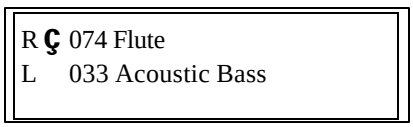
Display Shows:

Do not press button to use default setting. Default split point is Tenor F, piano key 33.

5. While holding the note to be the split point on the piano, press **ENTER/Y BUTTON**.



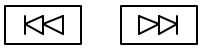
Display Shows:



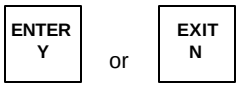
Default sounds are 074 Flute, right hand and 033 Acoustic Bass, left hand.

6. Turn **ROTARY DIAL** to change sounds for each hand.

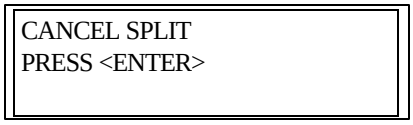
7. Press **FORWARD** or **REVERSE SCAN BUTTON** to choose **R**ight or **L**eft hand.



8. Press **ENTER/Y BUTTON** to Cancel Split Keyboard or **EXIT/N BUTTON** to exit Sound Card mode.



IF ENTER Y **Display Shows:**

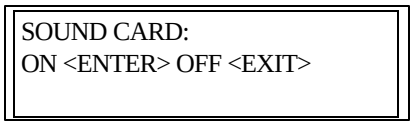


9A. Press **ENTER/Y BUTTON**.

Display Shows:

OR

IF EXIT N **Display Shows:**



9B. Press **ENTER/N BUTTON**.

Display returns to multi-functions mode screen.

*TIP: To adjust volume of each voice (R or L) in split keyboard mode, have arrow (Ç) on the voice you wish to adjust and press **VOL BUTTON**. Make your volume adjustment and press **ENTER/Y** (or **VOL**). To increase volume further, exit out of sound card mode and adjust master volume control and reenter SOUND CARD MODE by pressing **MULTI 9**.*

Quick Record™

Quick Record allows you to record using a one touch system. Quick Record is a one track event record system.

Only the Stationary Controller can initiate Quick Record.

1. Press **REC BUTTON** on stationary controller.

Display shows:

As soon as you see the display above, the QRS Music Technologies, Inc. Serenade Pro is recording.

2. When done recording, press **STOP BUTTON**.

Display shows:

Songs are automatically given a name title (SONG1), and stored in and can be accessed from the QUICK RECORD library. To rename the song see - ***ADVANCE OPERATIONS****.*

Press play to playback recorded song. (See ***BASIC OPERATIONS****)*

TIP: To record consecutive songs or "takes" once Quick Record is stopped, press the ***STOP BUTTON*** *again to reset Quick Record to a new song.*

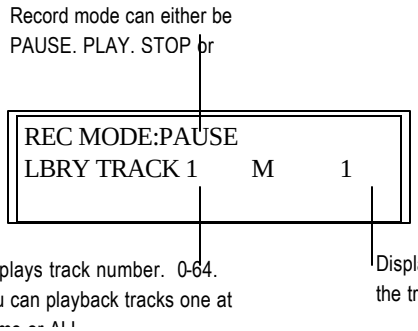
Multi-Track Recording

64 track sequence recording station with editing tools.

Recording

1. Press **REC BUTTON** on Remote Control.

REC


Record mode can either be
PAUSE. PLAY. STOP or
REC MODE:PAUSE
LBRY TRACK 1 M 1
Displays track number. 0-64.
You can playback tracks one at
Displays measure number of
the track.

Display Shows:

REC MODE:PAUSE
LBRY TRACK 1 M 1

EXPLANATION

2. Press **REC BUTTON** again to start recording.

REC

Display Shows:

REC MODE:RECORD
LBRY TRACK 1 M 1

3. Press **STOP BUTTON** when you are done recording.

■

Display Shows:

REC MODE:STOP
LBRY TRACK 1 M 1

4. To record next track press **REC BUTTON**.

REC

Display Shows:

REC MODE:PAUSE
LBRY TRACK 1 M 1

5. Turn **ROTARY DIAL** to change track.

Display Shows:

REC MODE:PAUSE
LBRY TRACK 2 M 1

6. Repeat steps 2 through 5 to continue multi track recording.

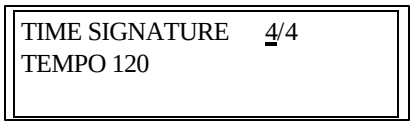
*See **Change MIDI Voicing of Recorded Track** for instructions of changing track voicing.*

TIP: To have the piano play, set MIDI Voicing at 001 Grand Piano on desired track you wish the piano to play.

Changing Time Signature

1. While paused in multi track record mode, press **TMPO BUTTON**.

Display Shows:



*Use **FORWARD** or **REVERSE SCAN BUTTON** to switch between Time Signature and Tempo line.*

2. To change Time Signature, have cursor on the time signature line, use **ROTARY DIAL** to change time signature.

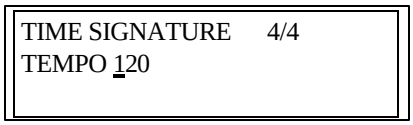
Serenade Pro offers most common time signatures.

3. Press **ENTER/Y BUTTON**.

Changing Tempo

1. While paused in multi track record mode, press **TMPO BUTTON**.

Display Shows:



*Use **FORWARD** or **REVERSE SCAN BUTTON** to switch between Time Signature and Tempo line.*

2. To change Tempo, have cursor on the tempo line, use **ROTARY DIAL** to change tempo.

*Tempo can be changed from ****bpm to ****bpm*

3. Press **ENTER/Y BUTTON**.

Change Click Track

1. While paused in multi track record mode, press **TMPO BUTTON** TWICE.

TMPO 2X

Display Shows:

CLICK TRACK YES
COUNTDOWN YES

*Use **FORWARD** or **REVERSE SCAN BUTTON** to switch between Click Track and Countdown.*

2. To change Click Track, have cursor on the click track, use **ROTARY DIAL** to Click Track.

3. Press **ENTER/Y BUTTON**.

ENTER Y

Change Countdown

1. While paused in multi track record mode, press **TMPO BUTTON** TWICE.

TMPO 2X

Display Shows:

CLICK TRACK YES
COUNTDOWN YES

*Use **FORWARD** or **REVERSE SCAN BUTTON** to switch between Click Track and Countdown.*

2. To change Countdown, have cursor on Countdown, use **ROTARY DIAL** to Countdown.

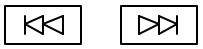
3. Press **ENTER/Y BUTTON**.

ENTER Y

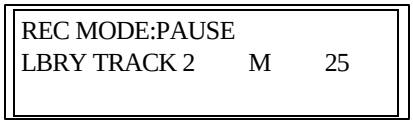
Editing

1. Use **ROTARY DIAL** to choose track you wish to edit.

2. Use **FORWARD** or **REVERSE SCAN BUTTON** to cue measure you wish to start to edit.



Display Shows:

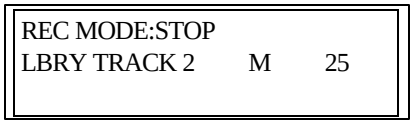


3. Press **REC BUTTON** to begin recording at the cued measure.
(see **RECORD** section in multi track recording for additional instructions on recording.)

Playback Recording

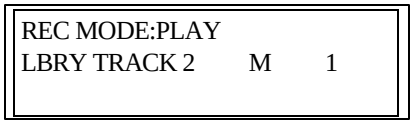
1a. To play back single track recorded while in multi track record mode, use **ROTARY DIAL** to select track for playback.

Display Shows:



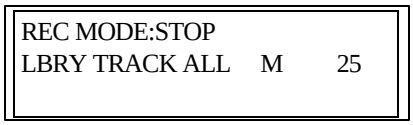
1b. Press **PLAY BUTTON**.

Display Shows:



2a. To play back all tracks recorded while in multi track record mode, use **ROTARY DIAL** to select ALL tracks for playback.

Display Shows:



2b. Press **PLAY BUTTON**.

Display Shows:

Change MIDI Voicing of Recorded Track

1. While paused in multi track mode press **MULTI BUTTON**.

Display Shows:

2. Press the **9 BUTTON**.

Display Shows:

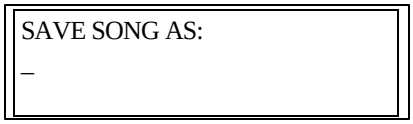
3. Use **ROTARY DIAL** to choose MIDI Voice.

4. Press **ENTER/Y BUTTON** when MIDI Voice is selected.

Save Recording

1. When recording is complete, press **ENTER/Y BUTTON**.

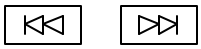
Display Shows:



2. Turn **ROTARY DIAL** right or left to select letters for renamed library title.

NOTE: Upper or lower case letters and numbers are available.

3. Press **FORWARD** or **REVERSE SCAN BUTTON** to choose letter then repeat step 6.

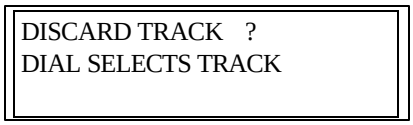


4. Press **ENTER/Y BUTTON.** Renaming is complete.

Discard Track or Entire Recording

1. When recording is complete, press **EXIT/N BUTTON**.

Display Shows:



2. Use **ROTARY DIAL** to select tracks to be discarded.

NOTE: *To Discard the entire recording, use* ***ROTARY DIAL*** *to select ALL Tracks.*

3. Press **ENTER/Y BUTTON** to discard.

TECHNICAL INFORMATION

Troubleshooting

If you have difficulty operating your Serenade Pro, see if any of the symptoms listed below apply to your situation, then follow the recommended remedy. If you can not solve your situation, call your local dealer or QRS Music Technologies, Inc. at 1-800-247-6557.

Symptom	Remedy
Serenade Pro System will not power on.	Make sure the power cord is connected to Serenade Pro System.
	Make sure the power cord is plugged into a suitable AC receptacle.
	If powering on from the Remote Control, make certain that antenna is up and free of obstacles on both the Remote Control and Stationary Controller.
The piano keys are not functioning.	Make sure power is on.
	Make sure that your Serenade Pro System is in the play mode.
	Make sure that your Master Volume is set at a proper position.
	Make sure processor cord is connected to back of the Serenade Pro System.
Stationary Controller power is on, but Remote Control LCD is not on.	If you power on using the power button on the Stationary Controller, you will also have to power on the Remote Control.
There is no orchestration (or sound coming from speakers).	Make sure your Serenade Pro has speakers.
	Make sure that the media you are playing has orchestration. (See Software catalog for description.)
	Make sure Balance is adjusted properly.
	Make sure speakers are plugged in.
The Floppy Drive will not play.	Make sure the floppy drive has a floppy disk with song selections on in.
The CD Player will not play.	Make sure the CD drive has a CD with properly formatted song selections on it. The CD player will not play off the shelf CD's.
I cannot record a song on the Serenade Pro	Make sure you have the Performance option with your Serenade Pro System.
	Make sure the MIDI strip is connected.
I cannot access the sound card.	Make sure you have the Performance option with your Serenade Pro System.
	Make sure the MIDI strip is connected.
	Make sure the speakers are connected.

Specifications

Media	Source	3.5" HD/DD Floppy Drive
		CD-ROM
		2.5" IDE Hard Drive
Control Unit	Dimensions	14.2"W x 2"H x 10.3"D
	Power Requirement	120VAC/60Hz
	Terminals	Standard MIDI Jacks (In & Out), Record Strip MIDI In; 1/4" Pin Jacks: Aux In (Left & Right), Line Out (Left & Right), Analog MIDI (In & Out), Video Out; 1/8" Stereo Headphone Jack
	LED Indicators	Power, MIDI In, MIDI Out, CD, Library, Floppy
	Controls	Power On/Off, CD, Library, Floppy, Accompaniment Volume Up & Down, Master Volume Up & Down, Scan Backward, Scan Forward, Stop, Play, Record (Quick)
Remote	Dimensions	7.28"W x .75"H x 3.3"D
	Type	Radio Frequency (RF) Wireless
	Power Supply	NiMH Rechargeable System
	Display	2 x 20 character backlit LCD alphanumeric
	LED Indicator	Power
	Controls	Power On/Off, Numeric Keypad, Rotary Dial, Auxiliary, Balance, CD, Library, Floppy, Multi, Volume, Record (Multi-Track), Random, Transpose, Tempo, Scan Backward, Scan Forward, Stop, Play, Pause, Enter/Y, Exit/N
Playback	Playback Capability	Piano only, Piano with MIDI Orchestration, and Piano with Analog Orchestration
	Master Volume	Adjustable from Rotary Dial
	Tempo	-50% to +50% of recorded tempo (Floppy and Library Sources)
	Transposition	2 Octaves up or down in semitones (Floppy and Library Sources)
	Balance	Balance and equalize treble and bass of accompaniment
	Polyphony	32 notes or sounds simultaneously
	Speakers	2 - 35 watts-per-channel amplified speakers
	Other Functions	Library Selection, Song Selection, Repeat Play, Random Play, Program Play, Piano Mute, Piano Sync.
Utility	Disk Functions	Rename song, Copy song, Delete song, Format/Erase disk
	Library Editing	Add Library, Copy Library, Rename Library, Delete Library
	Upgrade Method	Flash ROM, Disk Upgradable
Performance Option	MIDI Sensor Strip	88 continuously variable opto-electronic note sensor, with velocity sensitivity
	Quick-Record™	One track record with automatic Library save feature
	Multi Track Record	64-track sequence recording station
	Split Keyboard	Assignable split point
	Layering	Access soundcard for MIDI voices
	MIDI Voices	128 available, 32 note polyphony
	File Format	Records in General MIDI format
General	Warranty-Parts/Labor	2 Years/1 Year
	Approvals	FCC & Industry Canada Certification; UL & CUL Listed
	For available accessories, please see owner's guide or software catalog. Due to our continuing programs of research and development, QRS Music Technologies, Inc. reserves the right to change specifications at any time without notice.	

MIDI Sound Instrument List

The following is a list of all MIDI sounds available in the Sound Card Mode. You may select any one of these sounds when in the Sound Card Mode.

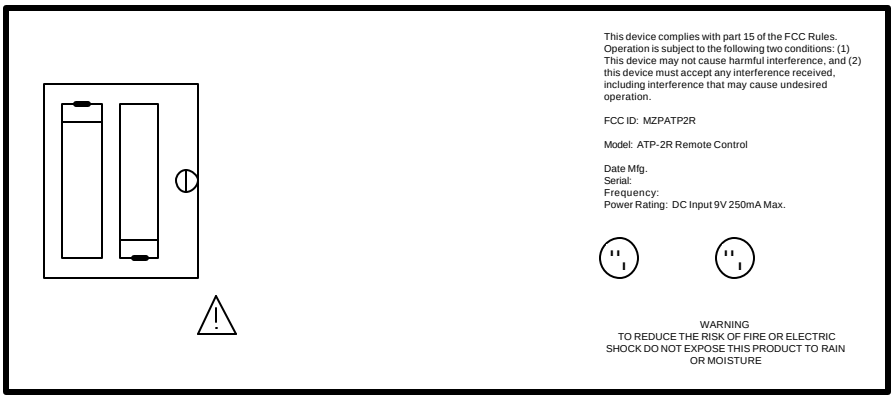
01 Acoustic Grand Piano
02 Bright Acoustic Grand Piano
03 Electric Grand Piano
04 Honky-tonk Piano
05 Electric Piano 1
06 Electric Piano 2
07 Harpsichord
08 Clavinet
09 Celesta
10 Glockenspiel
11 Music Box
12 Vibraphone
13 Marimba
14 Xylophone
15 Tubular Bells
16 Dulcimer
17 Drawbar Organ
18 Percussive Organ
19 Rock Organ
20 Church Organ
21 Reed Organ
22 Accordion
23 Harmonica
24 Tango Accordion
25 Acoustic Guitar (nylon)
26 Acoustic Guitar (steel)
27 Electric Guitar (jazz)
28 Electric Guitar (clean)
29 Electric Guitar (muted)
30 Overdriven Guitar
31 Distortion Guitar
32 Guitar Harmonics
33 Acoustic Bass
34 Electric Bass (finger)
35 Electric Bass (pick)
36 Fretless Bass
37 Slap Bass 1
38 Slap Bass 2
39 Synthesized Bass 1
40 Synthesized Bass 2
41 Violin
42 Viola
43 Cello
44 Contrabass
45 Tremolo Strings
46 Pizzicato Strings
47 Orchestral Harp
48 Timpani
49 String Ensemble 1
50 String Ensemble 2 (slow)
51 Synthesized Strings 1
52 Synthesized Strings 2
53 Choir Aahs
54 Voice Oohs
55 Synthesized Voice
56 Orchestra Hit
57 Trumpet
58 Trombone
59 Tuba
60 Muted Trumpet
61 French Horn
62 Brass Section
63 Synthesized Brass 1
64 Synthesized Brass 2
65 Soprano Sax
66 Alto Sax
67 Tenor Sax
68 Baritone Sax
69 Oboe
70 English Horn
71 Bassoon
72 Clarinet
73 Piccolo
74 Flute
75 Recorder
76 Pan Flute
77 Blown Bottle
78 Shakuhachi
79 Whistle
80 Ocarina
81 Square Wave
82 Sawtooth Wave
83 Synthesized Calliope
84 Chiffer Lead
85 Charang Lead
86 Solo Voice
87 Fifths Sawtooth Wave
88 Bass & lead
89 Fantasia
90 Warm Pad
91 Polysynthesized Pad
92 Space Voice
93 Bowed Glass
94 Metal Pad
95 Halo Pad
96 Sweep Pad
97 Ice Rain
98 Soundtrack
99 Crystal
100 Atmosphere
101 Brightness
102 Goblins
103 Echo Drops
104 Star Theme
105 Sitar
106 Banjo
107 Shamisen
108 Koto
109 Kalimba
110 Bag Pipe
111 Fiddle
112 Shanai
113 Tinkle Bell
114 Agogo
115 Steel Drums
116 Woodblock
117 Taiko Drum
118 Melodic Tom
119 Synthesized Drum
120 Reverse Cymbal
121 Guitar Fret Noise
122 Breath Noise
123 Seashore
124 Bird Tweet
125 Telephone Ring
126 Helicopter
127 Applause
128 Gunshot

Changing Remote Control Batteries

There may come a time when you have to change the batteries in your Remote Control. These batteries MUST BE ORDERED DIRECTLY FROM QRS MUSIC TECHNOLOGIES, INC. or you may damage your Serenade Pro Remote Control. Only special QRS Music Technologies, Inc. Nickel Metal Hydride Rechargeable Batteries (120AAH 1.2V 1200mAh) will work.

1. Order two QRS Music Technologies, Inc. Nickel Metal Hydride Rechargeable Batteries (120AAH 1.2V 1200mAh) from an authorized QRS Music Technologies, Inc. dealer.

2. Open the battery hatch on the back of the Serenade Pro Remote Control


This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
FCC ID: MZPATP2R
Model: ATP-2R Remote Control
Date Mfg.
Serial:
Frequency:
Power Rating: DC Input 9V 250mA Max.
WARNING
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE

3. Remove old batteries.

4. Insert new batteries (make sure that - and + match).

5. Re-secure battery hatch.

Upgrading System

We are constantly improving your Serenade Pro System. The operating system uses a Flash Promed method for upgrading. Follow the instructions below to upgrade your system.

1. Insert upgrade disk into floppy drive while unit is powered off.

2. On Stationary Controller, hold down both **MASTER VOLUME UP AND DOWN BUTTONS.**

3. While holding down both **MASTER VOLUME UP AND DOWN BUTTONS**, turn power on.

After a few moments, the operating system will be updated and you will return to the main menu.

Pre-Loaded Music

The Serenade Pro System comes loaded with approximately 20 hours of music. Below are the over two hundred selections on the Serenade Pro.

I. Contemporary Pop
1. My Heart Will Go On, played by Charles Czarnecki
from More Than Titanic, Cat. No. 801251
2. Can You Feel The Love Tonight, played by Joe Augustine
from Touching You, Cat. No. 801250
3. In My Life, played by Ken Kaufman
from Beatles Songbook, Cat. No. 801237
4. Wind Beneath My Wings, played by Bob Geresti
from Speak Softly To Me, Cat. No. 801259
5. Angel Eyes, played by Christopher Sierzchula
from New Age Sampler, Cat. No. 801236

II. Broadway Musicals
1. Music Of The Night, played by Ken Kaufman
from The Phantom Of The Opera/Les Miserables, Cat. No. 801215
2. West Side Story Medley, played by George A. Jones
from High Standards, Cat. No. 801242
3. Hello Young Lovers, played by Russell Messina
from Supper Club Deluxe, Cat. No. 801211
4. Oh What A Beautiful Morning, played by Larry Kass
from A Rodgers & Hammerstein Album, Cat. No. 801270
5. Some Enchanted Evening, played by Larry Kass
from A Rodgers & Hammerstein Album, Cat. No. 801270

III. Great Pop Pianists
1. It's Impossible, played by Liberace
from Liberace, Cat. No. 400101B
2. Feelings, played by Ferrante & Teicher
from Ferrante & Teicher, Cat. No. 400103B
3. That Certain Feeling, played by George Gershwin
from Gershwin Plays, Cat. No. 801214
4. The Entertainer, played by Max Morath
from Ragtimers On Parade, Cat. No. 400102
5. I'm Gonna Sit Right Down And Write Myself A Letter, played by Fats Waller
from Fats Waller, Cat. No. 400502B

IV. Great Classical Pianists
1. Nocturne in E-flat (Chopin), played by Cecile La Fontaine
from An All Chopin Program, Cat. No. 801202
2. Liebesleid (Kreisler/Rachmaninov), played by Sergei Rachmaninov
from Rachmaninov Plays, Cat. No. 801257
3. Liebestraum No. 3 (Liszt), played by Robert Finley
from Robert Finley Plays Liszt, Cat. No. 801244
4. Meditation And Intermezzo (Massenet/Mascagni), played by Ivan Docenko
from Operatic Phantoms, Cat. No. 801248
5. Clair de Lune (Debussy), played by Mingshan Kong
from Candlelight Piano Classics, Cat. No. 801228

V. And All That Jazz
1. A Kiss To Build A Dream On, played by Mike Jones
from Jazz By Jones, Cat. No. 801224
2. When You Wish Upon A Star, played by Joe Augustine
from Thanks For The Memory, Vol. 2, Cat. No. 801268
3. Georgia, played by Jim Beishline
from Way Blue, Cat. No. 801223
4. Up A Lazy River/I'll Build A Stairway To Paradise, played by Joe Augustine
from Three @ 100, Cat. No. 801263
5. Stairway To The Stars, played by Richard Dagenais
from Sophisticated Sounds, Vol 1, Cat. No. 801207

VI. Dinner Music
1. My Romance, played by Larry Kass
from Rodgers & Hart On Broadway, Cat. No. 801256
2. As Time Goes By, played by Michael T. Jones
from Cocktails, Cat. No. 801203
3. When I Fall In Love, played by Larry Kass
from Moonlight Moods, Cat. No. 801205
4. Mona Lisa, played by Russell Messina

from Isn't It Romantic, Cat. No. 801229
5. The Nearness Of You, played by Emily Rose Schaffer
from As Time Goes By, Cat. No. 801210

VII. PIano Roll Hit Parade
1. Maple Leaf Rag, played by Scott Joplin
from Golden Oldies, Cat. No. 400201
2. Bye Bye Blackbird, played by Victor Arden
from Roaring Twenties, Cat. No. 400501
3. They Can't Take That Away From Me, played by J. Lawrence Cook
from Fabulous Thirties, Cat. No. 400503
4. It's Been A Long, Long Time, played by Frank Milne
from Forties Big Band, Cat. No. 400504
5. Jailhouse Rock, played by J. Lawrence Cook
from All Time Greatest Hits, Cat. No. 400203

VIII. Christmas Music
1. The Christmas Song (Chestnuts Roasting), played by Ken Kaufman
from A Grand Piano Holiday, Cat. No. 801262
2. It's Beginning To Look A Lot Like Christmas, played by J. Lawrence Cook
from Stocking Stuffers Vol. 3, Cat. No. 400303
3. Have Yourself A Merry Little Christmas, played by Mike Jones
from O Christmas Jazz, Cat. No. 801254
4. Sleigh Ride, played by J. Lawrence Cook
from Stocking Stuffers Vol. 2, Cat. No. 400302
5. White Christmas, played by Liberace
from Celebrity Christmas Classics, Cat. No. 400304

IX. Devotional Music
1. Amazing Grace, played by Willie Simmonds
from Sweet Hour Of Gospel, Cat. No. 801234
2. In The Garden, played by Bob Geresti
from Devine Devotions, Cat. No. 801246
3. Morning Has Broken, played by Joe Augustine
from Chapter And Verse, Cat. No. 801260
4. Climb Ev'ry Mountain, played by Larry Kass
from A Rodgers & Hammerstein Album, Cat. No. 801270
5. All Good Gifts, played by Charles Czarnecki
from More Than Titanic, Cat. No. 801251

X. Country & Western
1. Crazy, played by Jim Beishline
from Country Piano Treasury, Cat. No. 801238
2. Duelling Banjos, played by Hi Babit
from Country Jamboree Vol. 4, Cat. No. 400804
3. Down In The Valley, played by Frank Milne
from Country Jamboree Vol. 3, Cat. No. 400803
4. Always On My Mind, played by Jim Beishline
from Country Piano Treasury, Cat. No. 801238
5. Thank God I'm A Country Boy, played by Rudy Martin
from Country Crossovers, Cat. No. 400202

XI. Children's Music
1. You've Got A Friend In Me, played by Christopher Sierzchula
from Children's Music Vol. 2, Cat. No. 401005
2. Rubber Duckie, played by Nils Andersen
from Children's Music Vol. 1, Cat. No. 401004
3. Shake Your Sillies Out, played by Rudy Martin
from Children's Music Vol. 2, Cat. No. 401005
4. Jolly Holiday (from Mary Poppins), played by Rudy Martin
from Children's Music Vol. 2, Cat. No. 401005
5. Who's Afraid Of The Big Bad Wolf, played by J. Lawrence Cook
from Children's Music Vol. 1, Cat. No. 400104

XII. Orchestrated Music
1. Just The Way You Are
from Billy Joel: Hits Of The Piano Man, Cat. No. 860019
2. Your Song
from Ecstatic For Elton, Cat. No. 860013
3. Fly Me To The Moon
from His Way: Hits Of Frank Sinatra, Cat. No. 860026
4. September Morn
from Diamond Jubilee, Cat. No. 860005
5. Tryin' To Get The Feeling Again
from Manilow Mania, Cat. No. 860011

Reloading Library

Provided in this Owner's Guide is a set of back-up disks for the pre-loaded library. If for some reason you must ever reload you library, follow these instructions.

1. Add the following libraries to your hard drive (if they do not already exist): **CLASSICAL, COUNTRY, JAZZ, OTHER, POP, ROCK** (See **ADVANCED OPERATION**)

2. Remove back-up floppy disks from your owners kit.

3. Place disk marked CLASSICAL #1 in to floppy drive.

4. Copy entire disk to Classical library. Repeat with CLASSICAL #2 and CLASSICAL #3. (See **ADVANCED OPERATION**)

5. Repeat procedures with other libraries until complete.

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